

CLAIMS:

1. Rotor for a gas turbine, having several blades (12a, 13a,...29b, 30b) arranged on the rotor (10) and rotating together with the rotor (10), particularly running blades, the blades forming at least one blade ring, characterized in that the blades (12a, 13a, ... 29b, 30b) within the or within each blade ring are arranged at a different distance from one another or with a different blade pitch.

2. Rotor according to Claim 1, characterized in that the distance between the blades (12a, 13a, ... 29b, 30b) within the or each blade ring changes continuously in the circumferential direction.

3. Rotor according to Claim 1 or 2, characterized in that the distance between the blades within the or each blade ring changes discontinuously in the circumferential direction.

4. Rotor according to one or more of Claims 1 to 3, characterized in that the distance between the blades (12a, 13a, ...29b, 30b) within the or each blade ring is dimensioned such that imbalances cancel one another out.

5. Rotor according to one or more of Claims 1 to 4, characterized in that, in the case of mutually diametrically opposite blades (12a and 12b respectively), the distance to the respective next blade situated in front (13a and 13b respectively) as well as the distance to the respective next blade situated in the rear (30b and 30a respectively) is the same.

6. Rotor according to one or more of Claims 1 to 5, characterized in that the blades (12a, 13a, ... 29b, 30b) within the or each blade ring are arranged asymmetrically.

7. Rotor according to one or more of Claims 1 to 6, characterized in that the rotor has several blade rings arranged axially behind one another, within each blade ring, the blades being arranged at a different distance from one another.

8. Rotor according to Claim 7, characterized in that the arrangement of blades within the respective blade ring is different for each blade ring.

9. Rotor according to one or more of Claims 1 to 8, characterized in that the rotor is constructed as a turbine rotor or compressor rotor of a gas turbine, particularly of an airplane

engine, the blades being constructed as running blades.

10. Rotor according to one or more of Claims 1 to 8, characterized in that the rotor is constructed as a fan rotor of a gas turbine, particularly of an airplane engine.

11. Rotor according to one or more of Claims 1 to 8, characterized in that the rotor is constructed as a blisk (bladed disk) or bling (bladed ring) of a gas turbine, particularly of an airplane engine, the blades being an integral component of the rotor.

12. Gas turbine, particularly an airplane engine, having at least one stator and at least one rotor (10), having several blades (12a, 13a, ... 29b, 30b) arranged on the rotor and rotating together with the rotor, particularly running blades, the blades forming at least one blade ring, characterized by a rotor (10) according to one or more of Claims 1 to 11.